

9. DESCRIPTIONS OF TWELVE NEW SPECIES OF VITRINA AND SUCCINEA, FROM THE COLLECTION OF H. CUMING, ESQ.

BY DR. L. PFEIFFER.

1. VITRINA LUZONICA, Pfr. *V. testá depressá, tenui, lævigatá, nitidá, pellucidá, auredá; spirá planiusculá; suturá simplice, vix impressá; anfractibus 3 sensim accrescentibus, ultimo subdepresso, peripheriá rotundato, basi lato; aperturá obliquá, lunari-ovali; peristomate tenui, margine supero antrorsum subarcuato, columellari tenuissimo, declivi.*

Diam. maj. $7\frac{1}{2}$, min. $5\frac{2}{3}$, alt. 4 mill.

Hab. Sorsogon, iusulæ Luzon (H. Cuming).

2. VITRINA VERREAUXII, Pfr. *V. testá depressá, striatúlá, tenui, diaphand, parum nitente, olivaceo-fulvá; spirá subplanulatá; suturá impressá, marginatá; anfractibus $3\frac{1}{2}$ rapidè accrescentibus, ultimo depresso, basi angusto, planiusculo; aperturá perobliquá, amplá, lunari-ovali; peristomate simplice, acuto, marginibus approximatis, dextro antrorsum arcuato, columellari breviter recedente, leviter arcuato.*

Diam. maj. 13, min. 10, alt. 6 mill.

Hab. in Australiâ (Verreaux).

3. VITRINA STRANGEI, Pfr. *V. testá depressá, tenuissimá, lævigatá, nitidá, fusco-vel virenti-corneá; spirá parvá, vix convexiusculá, vertice subtili, laterali; suturá impressá, submarginatá; anfractibus 3 vix convexiusculis, rapidè accrescentibus, ultimo supernè depresso, peripheriá rotundato, basi convexiore; aperturá obliquá, amplá, lunari-subcirculari; peristomate simplice, obtusulo, marginibus approximatis, dextro antrorsum dilatato, columellari recedente, perarcuato, angustissimè membranaceo-marginato.*

Diam. maj. 10, min. $7\frac{1}{2}$, alt. 5 mill.

Hab. Brisbane, in orâ orientali Novæ Hollandiæ (Strange).

4. SUCCINEA ACUTA, Pfr. *S. testá oblongá, subfusiformi, tenui, distinctè striatá et minutè malleatá, nitidissimá, pellucidá, roseá, epidermide deciduá fulvá munitá; spirá subelongatá, conicá, acutá; suturá profundá; anfractibus 4 convexis, ultimo $\frac{3}{5}$ longitudinis vix æquante, basi attenuato; columellá subcallosá, substrictè recedente; aperturá axi ferè parallelá, oblongo-ovali, supernè angulatá; peristomate simplice, tenui, margine dextro leviter arcuato.*

Long. 20, diam. $9\frac{1}{2}$, alt. 7 mill.; ap. 12 mill. longa, medio 7 lata.

Hab. in Britanniâ, prope Scarborough.

It is impossible to join this beautiful shell to any of the varieties of *S. putris*, from which it differs by its colour, by the elongated and sharply-pointed spire, whorls more convex, nearly straight columella, and oblong-ovate aperture.

5. SUCCINEA SUBGRANOSA, Pfr. *S. testá elliptico-ovatá, tenui,*

subgranulato-striatâ, diaphanâ, parum nitidâ, pallide corned; spirâ brevi, obtusiusculâ; anfractibus vix 3 convexis, ultimo basi attenuato; columellâ substrictè recedente, supernè leviter callosâ; aperturâ parum obliquâ, subangulato-ovali, intus nitidissimâ; peristomate simplice, acuto, margine dextro mediocriter arcuato.

Long. $8\frac{1}{2}$, diam. 5, alt. ferè 4 mill.; ap. 6 mill. longa, 4 lata.

Hab. Kurmant, Indiæ, varietas ventrosior, albida prope Caleutta.

6. *SUCCINEA INDICA*, Pfr. *S. testâ depressè oblongâ, tenuissimâ, longitudinaliter plicatulâ, pellucidâ, pallide corned; spirâ brevi, obtusiusculâ; anfractibus vix 3, penultimo convexiusculo, ultimo $\frac{2}{3}$ longitudinis æquante; columellâ substrictè ferè ad basin recedente, supernè calloso-marginatâ; aperturâ axi ferè parallelâ, basi recedente, ovali-oblongâ, angulatâ, intus nitidissimâ; peristomate acuto, margine dextro leviter arcuato.*

Long. 17, diam. $7\frac{1}{2}$, alt. 6 mill.; ap. 12 mill. longa, infra medium

7 lata.

Hab. Bleensal, Indiæ.

7. *SUCCINEA BENSONI*, Pfr. *S. testâ ovato-conicâ, tenui, regulariter confertim striatâ, pellucidâ, sericinâ, luteo-corneâ; spirâ conicâ, acutiusculâ; anfractibus 3, penultimo convexiusculo, ultimo $\frac{2}{3}$ longitudinis æquante; columellâ callo tenui indutâ, vix arcuatâ, recedente; aperturâ ovali; peristomate tenui, margine dextro mediocriter arcuato.*

Long. 8, diam. 5, alt. $3\frac{1}{2}$ mill.; ap. 5 mill. longa, 3 lata.

Hab. Moradabad, Indiæ (Mr. Benson).

8. *SUCCINEA PICTA*, Pfr. *S. testâ semiovatâ, tenuissimâ, longitudinaliter striatulâ et irregulariter plicatâ, pellucidâ, nitidissimâ, rubenti-fulvâ, roseo-albido strigatâ; spirâ minimâ, papillatâ; suturâ levi; anfractibus $2\frac{1}{2}$, ultimo inflato, anticè lineis impressis spiralibus notato; columellâ supernè subcallosâ, recedente, leviter arcuatâ; aperturâ amplâ, parum obliquâ, angulato-ovali, intus rubenti-fulvâ; peristomate simplice, ad insertionem subinflexo.*

Long. 17, diam. 11, alt. 7 mill.; ap. 15 mill. longa, medio 9 lata.

Hab. Diana Peak, insulæ St. Helenæ. (On the leaves of cabbage-trees.)

9. *SUCCINEA SALLEANA*, Pfr. *S. testâ depressè ovatâ, tenuissimâ, striatulâ, lineis spiralibus impressis irregulariter notatâ, pellucidâ, nitidâ, corneo-albidâ; spirâ brevissimâ, subpapillatâ; anfractibus $2\frac{1}{2}$, penultimo convexo, ultimo $\frac{3}{4}$ longitudinis superante; columellâ subcallosâ, strictè recedente; aperturâ axi subparallelâ, angulato-ovali; peristomate submarginato, margine dextro vix arcuato.*

Long. 19, diam. 10, alt. 7 mill.; ap. 16 mill. longa, infra medium 9 lata.

Hab. New Orleans (Mr. Sallé).

10. *SUCCINEA PUSILLA*, Pfr. *S. testá ovatá, tenui, striatulá, sub lente obsoletè decussatá, diaphaná, parum nitidá, pallide cornéa; spirá brevi, acutiusculá; anfractibus $2\frac{1}{2}$, penultimo convexo, ultimo $\frac{2}{3}$ longitudinis æquante; columellá vix arcuatá, recedente; aperturá obliquá, ovali; peristomate simplice, margine dextro supernè subincurvato, tum strictiusculo.*

Long. $4\frac{2}{3}$, diam. 3 mill.; ap. $3\frac{1}{4}$ mill. longa, 2 lata.

Hab. Ceara, in Americâ meridionali.

11. *SUCCINEA RUBICUNDA*, Pfr. *S. testá ovatá, tenui, striatulá, sub lente obsoletè granulosa, diaphaná, parum nitidá, luteo-rubescente; spirá brevi, sanguined, subpapillatá; anfractibus $2\frac{1}{2}$ convexis, ultimo inflato; columellá callosá, substrictè recedente; aperturá purum obliquá, angulato-ovali, intus nitidissimá; peristomate simplice, margine dextro regulariter arcuato.*

Long. 14, diam. 8, alt. 5 mill.; ap. $10\frac{1}{2}$ mill. longa, medio 6 lata.

Hab. in insulâ Masafuera (Cuming).

12. *SUCCINEA SOLIDULA*, Pfr. *S. testá depressè ovatá, solidulá, longitudinaliter subplicatá, sub lente minutissimè granulatá, vix diaphaná, parum nitidulá, fulvâ; spirá brevi, scalari, apice papillatá, rubicundá; anfractibus $2\frac{1}{2}$ convexis, ultimo inflato, $\frac{3}{5}$ longitudinis æquante; columellá substrictè descendente, callosá; aperturá oblongá, intus submargaritaceá; peristomate submarginato, marginibus callo tenui junctis, dextro supernè arcuato, tum strictiore.*

Long. 12, diam. 7, alt. $5\frac{1}{2}$ mill.; ap. $8\frac{1}{2}$ mill. longa, 5 lata.

Locality unknown.

The form of this shell is most nearly approaching to *Succinea campestris*.

10. DESCRIPTIONS OF THIRTY NEW SPECIES OF TORNATELLINA, CYLINDRELLA, AND CLAUSILIA, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

1. *TORNATELLINA CUMINGIANA*, Pfr. *T. testá ovato-oblongá, solidá, striatulá, epidermide olivaceo-lutescente indutá; spirá elongato-conicá, apice acutá; anfractibus $5\frac{1}{2}$ vix convexiusculis, ultimo $\frac{3}{7}$ longitudinis subæquante; columellá subarcuatá, distinctè et obliquè truncatá; pariete aperturali lamellá magná, horizontaliter intrante munito; aperturá semiovali, intus callosá; peristomate simplice, acuto.*

Long. 8, diam. $3\frac{2}{3}$ mill.; ap. $3\frac{2}{3}$ mill. longa, medio $1\frac{2}{3}$ lata.

Hab. in Real Llejós (H. Cuming).

2. *CYLINDRELLA SERICEA*, Pfr. *C. testá profundè rimatá, subcylindraccá, truncatá, solidulá, subtilissimè striatulá, diaphaná, hyalino-albidá, supernè fuscescente; suturá albo-filosá; anfractibus 9 angustis, subæqualibus, vix convexiusculis, ultimo non protracto, basi cariná funiformi munito; aperturá subobliquá,*